Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Project Division

Name of Work: Developments of roads and drains at Machohalli, Kadabagere, Gollarahatti (Kittanahalli), Singanayakanahalli Grama Panchayathi limits and surrounding areas of Yelahanka assembly Constituency Under Amrutha Nagarothana Grants

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
1	**Earth work excavation by manual means** for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. **Loading and Unloading** of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22) & (V-III Page No.3, Item No.1.1 Aof PWD SR 2021-22)								
	Basic Rate	**186.00**							
	Loading And Unloading	**118.00**							
	Sub Total	**304.00**							
	Area Weightage 3%	**9.12**							
	Total Rate	**313.12**							
		Cum							
	RCC Drain								
	Machohalli Grama Panchayathi								
	Bailkonenahalli								
	Main Road		1	146.00	1.40	1.00	204.40		
	Machohalli Village								
	Udhdandaiyya House Road		2	300.00	1.10	1.00	660.00		
	Machohalli Village								
	Behind Shiva Temple Road		1	92.00	1.10	1.00	101.20		
			1	48.00	1.10	1.00	52.80		
			1	65.00	1.10	1.00	71.50		
			1	44.00	1.10	1.00	48.40		
	Vivekanandha nagar								
	Opp to Raj Tower Control Road		1	117.00	1.40	1.50	245.70		
			1	86.00	1.40	1.50	180.60		
	Krishnamurthy House Road		2	120.00	1.10	1.10	290.40		
	Byandahalli								
	From Laxmivenkateshwara House Road		1	48.00	1.00	1.00	48.00		
			1	132.00	1.00	1.00	132.00		
	Kittanahalli Grama Panchayathi								
	Bettahalli								
	Bettahalli Main Road		1	150.00	1.10	0.95	156.75		
	Signayakanahalli Grama Panchayathi								
	Avalahalli								
			1	58.00	1.80	1.00	104.40		
	Signayakanahalli								
	Yediyurappanagara 9th cross		1	274.50	1.50	1.00	411.75		
	Mylappanahalli		1	276.00	1.50	1.00	414.00		
	Dibbur								
			1	115.00	1.10	1.00	126.50		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			1	118.00	1.50	1.00	177.00		
	RCC Culvert								
	A N Natraju House Rd		1	6.50	2.10	1.00	13.65		
	Government School Back Side		9	6.50	2.10	1.00	122.85		
	Nagraj Reddy House Rd		5	6.00	1.80	1.00	54.00		
	Muniraj Reddy House Rd		1	5.50	1.50	1.00	8.25		
	Culvert								
	Machohalli Grama Panchayathi limits								
			2	6.00	1.50	1.00	18.00		
			2	6.00	1.50	1.00	18.00		
			1	7.50	1.50	1.00	11.25		
			3	8.00	1.80	1.00	43.20		
			2	7.60	1.80	1.00	27.36		
			2	6.30	1.50	1.00	18.90		
			1	7.50	1.50	1.00	11.25		
	Signayakanahalli Grama Panchayathi limits								
			1	6.50	2.10	1.00	13.65		
			9	6.50	2.10	1.00	122.85		
			5	6.00	1.80	1.00	54.00		
			1	5.50	1.50	1.00	8.25		
							3970.86	**313.12**	1243355.68
2	**Earth work in surface excavation by mechanical means** for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2021-22)								
	Basic Rate	65.00							
	Area Weightage 3%	1.95							
	Total Rate	**66.95**							
		Cum							
	Machohalli Grama Panchayathi								
	Bailkonenahalli								
	Beside Berht Robotics		1	130.00	5.00	0.30	195.00		
	Uddhandayya Layout								
	Haleooramma temple road		1	130.00	6.00	0.20	156.00		
	Sri Haripada Nilaya Road		1	233.00	6.00	0.20	279.60		
	Ganavi Nilaya House Road		1	210.00	6.00	0.20	252.00		
	Kamath layout								
	Main Road		1	92.00	6.00	0.20	110.40		
			1	48.00	6.00	0.20	57.60		
			1	72.00	5.50	0.20	79.20		
			1	65.00	5.50	0.20	71.50		
			1	50.00	6.00	0.20	60.00		
			1	107.00	5.50	0.20	117.70		
			1	60.00	5.50	0.20	66.00		
	Mookambika Layout								
	Jagadish House Road		1	60.00	5.00	0.20	60.00		
	Opp. Chethan hairstyle Road		1	76.00	6.00	0.20	91.20		
	Lakshman house Road		1	52.00	5.30	0.20	55.12		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Byandahalli								
	Opposite Sri Shanmuga Hotel		1	48.00	5.50	0.20	53.06		
	Beside Nandi Complex		1	132.00	5.50	0.20	145.20		
	Veerabhadhra Swamy House Road		1	70.00	6.00	0.23	96.60		
	Kamath layout 11th cross Road Opp.		1	75.00	6.00	0.30	135.00		
			1	145.00	5.50	0.20	159.50		
			1	100.00	6.00	0.30	180.00		
	Kittanahalli Grama Panchayathi								
	Kittanahalli								
	Front of Panchayath Office		1	60.80	10.00	0.30	182.40		
	M.G. Layout Starting Point		1	25.50	11.00	0.30	84.15		
			1	197.00	5.50	0.30	325.05		
			1	56.00	7.60	0.30	127.68		
			1	50.00	4.50	0.30	67.50		
			1	40.00	4.10	0.30	49.20		
	From Aishwarya Creation Centre		1	145.00	6.00	0.30	261.00		
	Kuvempu Badavane								
	Shanthi Nivas house Road		1	220.00	8.00	0.30	528.00		
	Raghavendra layout								
	Triveni Road, 2nd Cross		1	36.00	6.00	0.30	64.80		
	Guru Nilaya , 5th Cross		1	18.70	6.00	0.30	33.66		
	Jagadish House Road		1	100.00	3.60	0.30	108.00		
	A.N. Kru Road, 4th Main Road		1	85.00	6.00	0.30	153.00		
	Gangamma House Road		1	33.00	4.00	0.30	39.60		
	Basveshwara Temple Road		1	91.00	6.00	0.30	163.80		
	Ravathnahalli								
	Karthik House Road		1	140.00	6.00	0.30	252.00		
	Rajanna House Road		1	173.00	6.00	0.30	311.40		
	Chamundeshwari Layout								
	Lokesh house Road		1	28.00	5.00	0.30	42.00		
	Vijaykumar. M house Rd		1	157.00	6.00	0.30	282.60		
	Main Road		1	165.00	6.00	0.30	297.00		
	Bettahalli								
	Bettahalli Main Road		1	591.00	6.00	0.30	1063.80		
	Kadabagere Grama Panchayathi								
	Kadabagere								
	From Government School		1	145.00	6.00	0.30	261.00		
			1	45.00	6.00	0.30	81.00		
			1	140.00	6.00	0.30	252.00		
	Spoorthi Layout								
	1st Cross		1	130.00	6.00	0.30	234.00		
	2nd Cross		1	202.00	6.00	0.30	363.60		
	Ravuthanahalli Village								
	Arasappa house Rd, Jeevan Nilaya		1	180.00	6.00	0.30	324.00		
	Ganga Arasayya House Road		1	72.00	6.00	0.30	129.60		
	Connecting Road 1 Ganga Arasayya House Road		1	150.00	6.00	0.30	270.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Connecting Road 2 Ganga Arasayya House Road		1	126.00	3.50	0.30	132.30		
	Narsimmaiah house Road		1	150.00	6.00	0.30	270.00		
	Chandu Nilaya Road		1	176.00	6.00	0.30	316.80		
	Revanna House road Jinnagaradamma layout		1	72.00	6.00	0.30	129.60		
	Laksmi layout								
	7th, 8th and 9th cross		1	375.00	5.00	0.30	562.50		
	C K Halli Gate								
	Manjunath House Road		1	36.00	6.00	0.30	64.80		
	Radha House Road		1	35.00	6.00	0.30	63.00		
	Lakshmamma Thimmaiah House Road		1	90.00	6.00	0.30	162.00		
	Narshimmaiah House Road		1	65.00	6.00	0.30	117.00		
	Ravi House Road		1	35.00	6.00	0.30	63.00		
	Hanmanthu House Road		1	65.00	6.00	0.30	117.00		
	Vadrahalli								
	Beside Nethravathi Real Estate Road		1	110.00	4.00	0.30	132.00		
	Sidhappa House Road		1	180.00	3.40	0.30	183.60		
	Murthy House Road		1	45.00	6.00	0.30	81.00		
			1	35.00	6.00	0.30	63.00		
			1	116.00	6.00	0.30	208.80		
	Signayakanahalli Grama Panchayathi								
	Avalahalli Debris								
	Anjeneya temple rd		1	98.00	3.80	0.30	111.72		
	Singnayakanahalli								
	Signayakanahalli Grama Panchayathi								
	Avalahalli								
	Anjeneya temple rd		1	98.00	3.80	0.30	111.72		
	Singnayakanahalli Sai layout								
	Sai leela convention road		1	145.00	6.80	0.20	197.20		
	Balaji Layout								
	Main road		1	134.00	5.00	0.30	201.00		
			1	65.00	3.80	0.30	74.10		
			1	28.50	5.00	0.30	42.75		
	Dibbur		1	145.00	6.50	0.30	282.75		
	For Building								
	Sthree Shakti Bhavana								
	Footing								
	F1		6	1.80	1.80	1.80	34.99		
	SSM Foundation		1	13.00	0.75	0.90	8.78		
			2	7.00	0.75	0.90	9.45		
			2	6.00	0.75	0.90	8.10		
			2	5.25	0.75	0.90	7.09		
			2	2.25	0.75	0.90	3.04		
			2	0.75	0.75	0.90	1.01		
	Sump tank		1	3.20	3.20	1.50	15.36		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Madivala Machideva sabha Bhavana								
	Footing								
	F1		8	1.80	1.80	1.80	46.66		
	SSM Foundation		1	16.00	0.75	0.90	10.80		
			2	10.00	0.75	0.90	13.50		
			2	6.00	0.75	0.90	8.10		
			3	9.25	0.75	0.90	18.73		
			2	2.25	0.75	0.90	3.04		
			2	0.75	0.75	0.90	1.01		
	Sump tank		1	3.20	3.20	1.50	15.36		
							12665.17	**66.95**	**847933.24**
3	**Cost of Haulage Excluding Loading** and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No.1.4 A of PWD SR 2021-22)								
	Basic Rate	12.00							
	5 Km Lead=5*12	**60.00**							
	Area Weightage 3%	1.80							
	Total Rate	**61.80**							
		t.km							
	Qty frm Item No-1		1	3970.86	1.28		5082.70		
	Qty frm Item No-2		1	12665.17	1.28		16211.42		
							21294.12	**61.80**	**1315976.64**
4	Providing and laying in position **plain** cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) **Using 40 mm nominal** size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22)								
	Basic Rate	5752.00							
	Area Weightage 3%	172.56							
	Total Rate	**5924.56**							
		Cum							
	RCC Drain								
	Machohalli Grama Panchayathi								
	Bailkonenahalli								
	Main Road		1	146.00	1.40	0.15	30.66		
	Machohalli Village								
	Udhdandaiyya House Road		2	300.00	1.10	0.15	99.00		
	Machohalli Village								
	Behind Shiva Temple Road		1	92.00	1.10	0.15	15.18		
			1	48.00	1.10	0.15	7.92		
			1	65.00	1.10	0.15	10.73		
			1	44.00	1.10	0.15	7.26		
	Vivekanandha nagar								
	Opp to Raj Tower Control Road		1	117.00	1.40	0.15	24.57		
			1	86.00	1.40	0.15	18.06		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Krishnamurthy House Road		2	120.00	1.10	0.15	39.60		
	Byandahalli								
	From Laxmivenkateshwara House Road		1	48.00	1.00	0.15	7.20		
			1	132.00	1.00	0.15	19.80		
	Kittanahalli Grama Panchayathi								
	Bettahalli								
	Bettahalli Main Road		1	150.00	1.10	0.15	24.75		
	Signayakanahalli Grama Panchayathi								
	Avalahalli								
			1	58.00	1.80	0.15	15.66		
	Signayakanahalli								
	Yediyurappanagara 9th cross		1	274.50	1.50	0.15	61.76		
	Mylappanahalli		1	276.00	1.50	0.15	62.10		
	Dibbur								
			1	115.00	1.10	0.15	18.98		
			1	118.00	1.50	0.15	26.55		
	Culvert								
	Machohalli Grama Panchayathi limits								
			2	6.00	1.50	0.15	2.70		
			2	6.00	1.50	0.15	2.70		
			1	7.50	1.50	0.15	1.69		
			3	8.00	1.80	0.15	6.48		
			2	7.60	1.80	0.15	4.10		
			2	6.30	1.50	0.15	2.84		
			1	7.50	1.50	0.15	1.69		
	Signayakanahalli Grama Panchayathi limits								
			1	6.50	2.10	0.15	2.05		
			9	6.50	2.10	0.15	18.43		
			5	6.00	1.80	0.15	8.10		
			1	5.50	1.50	0.15	1.24		
							541.78	**5924.56**	**3209802.19**
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) **M20 Design Mix Using 20 mm nominal** size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22)									
	Basic Rate	**6256.00**							
	For Shuttering & Centring 5%	**312.80**							
		6568.80							
	Area Weightage 3%	**197.06**							
	Total Rate	**6765.86**							
		Cum							
	RCC Drain Raft								
	Machohalli Grama Panchayathi								
	Bailkonenahalli								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Main Road		1	146.00	1.20	0.15	26.28		
	Machohalli Village								
	Udhdandaiyya House Road		2	300.00	0.90	0.15	81.00		
	Machohalli Village								
	Behind Shiva Temple Road		1	92.00	0.90	0.15	12.42		
			1	48.00	0.90	0.15	6.48		
			1	65.00	0.90	0.15	8.78		
			1	44.00	0.90	0.15	5.94		
	Vivekanandha nagar								
	Opp to Raj Tower Control Road		1	117.00	1.20	0.15	21.06		
			1	86.00	1.20	0.15	15.48		
	Krishnamurthy House Road		2	120.00	0.90	0.15	32.40		
	Byandahalli								
	From Laxmivenkateshwara House Road		1	48.00	0.75	0.15	5.40		
			1	132.00	0.75	0.15	14.85		
	Kittanahalli Grama Panchayathi								
	Bettahalli								
	Bettahalli Main Road		1	150.00	0.90	0.15	20.25		
	Signayakanahalli Grama Panchayathi								
	Avalahalli								
			1	58.00	1.50	0.15	13.05		
	Signayakanahalli								
	Yediyurappanagara 9th cross		1	274.50	1.20	0.15	49.41		
	Mylappanahalli		1	276.00	1.20	0.15	49.68		
	Dibbur								
			1	115.00	0.90	0.15	15.53		
			1	118.00	1.20	0.15	21.24		
	RCC Drain Wall								
	Machohalli Grama Panchayathi								
	Bailkonenahalli								
	Main Road		2	146.00	0.15	0.90	39.42		
	Machohalli Village								
	Udhdandaiyya House Road		4	300.00	0.15	0.60	108.00		
	Machohalli Village								
	Behind Shiva Temple Road		2	92.00	0.15	0.60	16.56		
			2	48.00	0.15	0.60	8.64		
			2	65.00	0.15	0.60	11.70		
			2	44.00	0.15	0.60	7.92		
	Vivekanandha nagar								
	Opp to Raj Tower Control Road		2	117.00	0.15	0.90	31.59		
			2	86.00	0.15	0.90	23.22		
	Krishnamurthy House Road		4	120.00	0.15	0.60	43.20		
	Byandahalli								
	From Laxmivenkateshwara House Road		2	48.00	0.15	0.45	6.48		
			2	132.00	0.15	0.45	17.82		
	Kittanahalli Grama Panchayathi								
	Bettahalli								
	Bettahalli Main Road		2	150.00	0.15	0.60	27.00		
	Signayakanahalli Grama Panchayathi								
	Avalahalli								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			2	58.00	0.15	1.20	20.88		
	Signayakanahalli								
	Yediyurappanagara 9th cross		2	274.50	0.15	1.00	82.35		
	Mylappanahalli		2	276.00	0.15	1.20	99.36		
	Dibbur								
			2	115.00	0.15	0.90	31.05		
			2	118.00	0.15	0.90	31.86		
							1006.29		
	Culvert								
	Raft								
	Machohalli Grama Panchayathi limits								
			2	6.00	1.20	0.20	2.88		
			2	6.00	1.20	0.20	2.88		
			1	7.50	1.20	0.20	1.80		
			3	8.00	1.50	0.20	7.20		
			2	7.60	1.50	0.20	4.56		
			2	6.30	1.20	0.20	3.02		
			1	7.50	1.20	0.20	1.80		
	Signayakanahalli Grama Panchayathi limits								
			1	6.50	1.80	0.20	2.34		
			9	6.50	1.80	0.20	21.06		
			5	6.00	1.50	0.20	9.00		
			1	5.50	1.20	0.20	1.32		
	Wall								
	Machohalli Grama Panchayathi limits								
			4	6.00	0.23	0.60	3.31		
			4	6.00	0.23	0.60	3.31		
			2	7.50	0.23	0.60	2.07		
			6	8.00	0.23	0.60	6.62		
			4	7.60	0.23	0.60	4.20		
			4	6.30	0.23	0.60	3.48		
			2	7.50	0.23	0.60	2.07		
	Signayakanahalli Grama Panchayathi limits								
			2	6.50	0.23	1.00	2.99		
			18	6.50	0.23	0.90	24.22		
			10	6.00	0.23	0.90	12.42		
			2	5.50	0.23	0.45	1.14		
							123.69		
							1129.98	**6765.86**	**7645306.56**
6	Supplying, Fitting and Placing un-coated **TMT bar Reinforcement** in sub-structure complete as per Drawing and Technical Specifications.(V-III, I.No 13.1 Page No 99, PWD SR 2021-22)Issue Rate: 07-04-22								
	Basic Rate	103329.00							
	Area Weightage 3%	3099.87							
	Total Rate	**106428.87**							
		Ton							
	For Drain, 60kg/cum		1	1006.29	60.00		60377.40		
	For Culvert, 90kg/cum		1	123.69	90.00		11132.31		
							71509.71		
							71.51	**106428.87**	**7610697.31**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
7	Providing and fixing precast reinforced cement concrete **covering slabs of 10Cm thick** made of M20 with OPC cement, with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work. [Data rate approved SE]								
	Data Rate	**2072.00**							
		Sqm							
	Top Covering Slab								
	Machohalli Grama Panchayathi								
	Bailkonenahalli								
	Main Road		1	146.00	1.20		175.20		
	Machohalli Village								
	Udhdandaiyya House Road		2	300.00	0.90		540.00		
	Machohalli Village								
	Behind Shiva Temple Road		1	92.00	0.90		82.80		
			1	48.00	0.90		43.20		
			1	65.00	0.90		58.50		
			1	44.00	0.90		39.60		
	Vivekanandha nagar								
	Opp to Raj Tower Control Road		1	117.00	1.20		140.40		
			1	86.00	1.20		103.20		
	Krishnamurthy House Road		2	120.00	0.90		216.00		
	Byandahalli								
	From Laxmivenkateshwara House Road		1	48.00	0.75		36.00		
			1	132.00	0.75		99.00		
	Kittanahalli Grama Panchayathi								
	Bettahalli								
	Bettahalli Main Road		1	150.00	0.90		135.00		
	Signayakanahalli Grama Panchayathi								
	Avalahalli								
			1	58.00	1.50		87.00		
	Signayakanahalli								
	Yediyurappanagara 9th cross		1	274.50	1.20		329.40		
	Mylappanahalli		1	276.00	1.20		331.20		
	Dibbur								
			1	115.00	0.90		103.50		
			1	118.00	1.20		141.60		
							2661.60	**2072.00**	**5514835.20**
8	Providing and fixing precast reinforced cement concrete **covering slabs of 23Cm thick** made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work. [SE Approved]								
	Data Rate	**5037.00**							
		Sqm							
	Raft								
	Machohalli Grama Panchayathi limits								
			2	6.00	1.20		14.40		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			2	6.00	1.20		14.40		
			1	7.50	1.20		9.00		
			3	8.00	1.50		36.00		
			2	7.60	1.50		22.80		
			2	6.30	1.20		15.12		
			1	7.50	1.20		9.00		
	Signayakanahalli Grama Panchayathi limits								
			1	6.50	1.80		11.70		
			9	6.50	1.80		105.30		
			5	6.00	1.50		45.00		
			1	5.50	1.20		6.60		
							289.32	**5037.00**	**1457304.84**
9	Providing and fixing pre cast solid **cement concrete Kerb stones** made out of M20 with top width 100mm and bottom width 150mm respectively,300mm high with CM 1:3 plastering and finishing cutting including from work, curing, including cost of all materials , labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete to be laid between travel lane and Cycle track/Land scape with all lead , lift, loading and unloading complete as per the direction of engineer in charge (from finish concrete and no painting to be done) (Approved Rate)								
	Approved Rate	**507.00**							
		Nos							
	Machohalli Grama Panchayathi								
	Bailkonenahalli								
	Main Road		1	146.00			146.00		
							146.00		
							324.00	**507.00**	**164268.00**
10	Painting **two coats** after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (V-III, P.No.56, I.No.8.10 of PW, PWD SR 2021-22)								
	Basic rate	**85.00**							
	Area Weightage 10%	**8.5**							
	Total	**93.50**							
		Sqm							
	Machohalli Grama Panchayathi								
	Bailkonenahalli								
	Main Road		1	146.00		0.35	51.10		
							51.10	**93.50**	**4,777.85**
11	Dismantling of **cement concrete** pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel (V-III Page No.10, Item No.2.19 of PWD SR 2021-22)								
	Basic rate	**422.00**							
	Area Weightage 10%	**42.20**							
	Total	**464.20**							
		Cum							
	Machohalli Grama Panchayathi								
	Byandahalli								
	Shanthmurty House Road		1	48.00	5.50	0.20	52.80		
	Parmesh House Road		1	132.00	5.50	0.20	145.20		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
							198.00		
	Deduct 30%						**59.40**		
							138.60	**464.20**	**64,338.12**
12	Construction of **Granular Sub-Base of** required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 .(V-III, I No-4.1V,P No-19,KPWD SR 2021-22)								
	Basic Rate	2347.00							
	Area Weightage 3%	70.41							
	Total Rate	**2417.41**							
		Cum							
	Machohalli Grama Panchayathi								
	Bailkonenahalli								
	Beside Berht Robotics		1	130.00	5.00	0.15	97.50		
	Uddhandayya Layout								
	Haleooramma temple road		1	130.00	6.00	0.15	117.00		
	Sri Haripada Nilaya Road		1	233.00	6.00	0.15	209.70		
	Ganavi Nilaya House Road		1	210.00	6.00	0.15	189.00		
	Kamath layout								
	Main Road		1	92.00	6.00	0.15	82.80		
			1	48.00	6.00	0.15	43.20		
			1	72.00	5.50	0.15	59.40		
			1	65.00	5.50	0.15	53.63		
			1	50.00	6.00	0.15	45.00		
			1	107.00	5.50	0.15	88.28		
			1	60.00	5.50	0.15	49.50		
	Mookambika Layout								
	Jagadish House Road		1	60.00	5.00	0.15	45.00		
	Opp. Chethan hairstyle Road		1	76.00	6.00	0.15	68.40		
	Lakshman house Road		1	52.00	5.30	0.15	41.34		
	Byandahalli								
	Opposite Sri Shanmuga Hotel		1	48.00	5.50	0.15	39.60		
	Beside Nandi Complex		1	132.00	5.50	0.15	108.90		
	Veerabhadhra Swamy House Road		1	70.00	6.00	0.15	63.00		
	Kamath layout 11th cross Road Opp.		1	70.00	6.00	0.15	63.00		
			1	145.00	5.50	0.15	119.63		
			1	100.00	6.00	0.15	90.00		
	Kittanahalli Grama Panchayathi								
	Kittanahalli								
	Front of Panchayath Office		1	60.80	10.00	0.15	91.20		
	M.G. Layout Starting Point		1	25.50	11.00	0.15	42.08		
			1	197.00	5.50	0.15	162.53		
			1	56.00	7.60	0.15	63.84		
			1	50.00	4.50	0.15	33.75		
			1	40.00	4.10	0.15	24.60		
	From Aishwarya Creation Centre		1	145.00	6.00	0.15	130.50		
	Kuvempu Badavane								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Shanthi Nivas house Road		1	220.00	8.00	0.15	264.00		
Raghavendra layout								
Triveni Road, 2nd Cross		1	36.00	6.00	0.15	32.40		
Guru Nilaya , 5th Cross		1	18.70	6.00	0.15	16.83		
Jagadish House Road		1	100.00	3.60	0.15	54.00		
A.N. Kru Road, 4th Main Road		1	85.00	6.00	0.15	76.50		
Gangamma House Road		1	33.00	4.00	0.15	19.80		
Basveshwara Temple Road		1	91.00	6.00	0.15	81.90		
Ravathnahalli								
Karthik House Road		1	140.00	6.00	0.15	126.00		
Rajanna House Road		1	173.00	6.00	0.15	155.70		
Chamundeshwari Layout								
Lokesh house Road		1	28.00	5.00	0.15	21.00		
Vijaykumar. M house Rd		1	157.00	6.00	0.15	141.30		
Main Road		1	165.00	6.00	0.15	148.50		
Bettahalli								
Bettahalli Main Road		1	591.00	6.00	0.15	531.90		
Kadabagere Grama Panchayathi								
Kadabagere								
From Government School		1	145.00	6.00	0.15	130.50		
		1	45.00	6.00	0.15	40.50		
		1	140.00	6.00	0.15	126.00		
Spoorthi Layout								
1st Cross		1	130.00	6.00	0.15	117.00		
2nd Cross		1	202.00	6.00	0.15	181.80		
Ravuthanahalli Village								
Arasappa house Rd, Jeevan Nilaya		1	180.00	6.00	0.15	162.00		
Ganga Arasayya House Road		1	72.00	6.00	0.15	64.80		
Connecting Road 1 Ganga Arasayya House Road		1	150.00	6.00	0.15	135.00		
Connecting Road 2 Ganga Arasayya House Road		1	126.00	3.50	0.15	66.15		
Narsimmaiah house Road		1	150.00	6.00	0.15	135.00		
Chandu Nilaya Road		1	176.00	6.00	0.15	158.40		
Revanna House road Jinnagaradamma layout		1	72.00	6.00	0.15	64.80		
Laksmi layout								
7th, 8th and 9th cross		1	375.00	5.00	0.15	281.25		
C K Halli Gate								
Manjunath House Road		1	36.00	6.00	0.15	32.40		
Radha House Road		1	35.00	6.00	0.15	31.50		
Lakshmamma Thimmaiah House Road		1	90.00	6.00	0.15	81.00		
Narshimmaiah House Road		1	65.00	6.00	0.15	58.50		
Ravi House Road		1	35.00	6.00	0.15	31.50		
Hanmanthu House Road		1	65.00	6.00	0.15	58.50		
Vadrahalli								
Beside Nethravathi Real Estate Road		1	110.00	4.00	0.15	66.00		
Sidhappa House Road		1	180.00	3.40	0.15	91.80		
Murthy House Road		1	45.00	6.00	0.15	40.50		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			1	35.00	6.00	0.15	31.50		
			1	116.00	6.00	0.15	104.40		
	Signayakanahalli Grama Panchayathi								
	Avalahalli								
	Anjeneya temple rd		1	98.00	3.80	0.15	55.86		
	Singnayakanahalli Sai layout								
	Sai leela convention road		1	145.00	6.80	0.15	147.90		
	Balaji Layout								
	Main road		1	134.00	5.00	0.15	100.50		
			1	65.00	3.80	0.15	37.05		
			1	28.50	5.00	0.15	21.38		
	Dibbur		1	145.00	6.50	0.15	141.38		
							6687.05	**2417.41**	**16165329.45**
13	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as pertechnical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:4:8 (M5) Using **40 mm nominal size graded crushed coarse aggregates** (V-I, P.No-15, I No-2.1.2 of PWD SR 2021-22)								
	Basic rate	**5364.00**							
	Area Weightage 3%	160.92							
	Total Rate	**5524.92**							
		Cum							
	Machohalli Grama Panchayathi								
	Bailkonenahalli								
	Beside Berht Robotics		1	130.00	6.00	0.15	117.00		
	Uddhandayya Layout		1	233.00	6.00	0.15	209.70		
	Haleooramma temple road		1	210.00	6.00	0.15	189.00		
	Sri Haripada Nilaya Road								
	Ganavi Nilaya House Road		1	130.00	5.00	0.15	97.50		
	Kamath layout								
	Main Road		1	92.00	6.00	0.15	82.80		
			1	48.00	6.00	0.15	43.20		
			1	72.00	5.50	0.15	59.40		
			1	65.00	5.50	0.15	53.63		
			1	50.00	6.00	0.15	45.00		
			1	107.00	5.50	0.15	88.28		
			1	60.00	5.50	0.15	49.50		
	Mookambika Layout								
	Jagadish House Road		1	60.00	5.00	0.15	45.00		
	Opp. Chethan hairstyle Road		1	76.00	6.00	0.15	68.40		
	Lakshman house Road		1	52.00	5.30	0.15	41.34		
	Byandahalli								
	Opposite Sri Shanmuga Hotel		1	48.00	5.50	0.15	39.60		
	Beside Nandi Complex		1	132.00	5.50	0.15	108.90		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Veerabhadhra Swamy House Road		1	70.00	6.00	0.15	63.00		
	Kamath layout 11th cross Road Opp.		1	75.00	6.00	0.15	67.50		
			1	145.00	5.50	0.15	119.63		
			1	100.00	6.00	0.15	90.00		
	Kittanahalli Grama Panchayathi								
	Kittanahalli								
	Front of Panchayath Office		1	60.80	10.00	0.15	91.20		
	M.G. Layout Starting Point		1	25.50	11.00	0.15	42.08		
			1	197.00	5.50	0.15	162.53		
			1	56.00	7.60	0.15	63.84		
			1	50.00	4.50	0.15	33.75		
			1	40.00	4.10	0.15	24.60		
	From Aishwarya Creation Centre		1	145.00	6.00	0.15	130.50		
	Kuvempu Badavane								
	Shanthi Nivas house Road		1	220.00	8.00	0.15	264.00		
	Raghavendra layout								
	Triveni Road, 2nd Cross		1	36.00	6.00	0.15	32.40		
	Guru Nilaya , 5th Cross		1	18.70	6.00	0.15	16.83		
	Jagadish House Road		1	100.00	3.60	0.15	54.00		
	A.N. Kru Road, 4th Main Road		1	85.00	6.00	0.15	76.50		
	Gangamma House Road		1	33.00	4.00	0.15	19.80		
	Basveshwara Temple Road		1	91.00	6.00	0.15	81.90		
	Ravathnahalli								
	Karthik House Road		1	140.00	6.00	0.15	126.00		
	Rajanna House Road		1	173.00	6.00	0.15	155.70		
	Chamundeshwari Layout								
	Lokesh house Road		1	28.00	5.00	0.15	21.00		
	Vijaykumar. M house Rd		1	157.00	6.00	0.15	141.30		
	Main Road		1	165.00	6.00	0.15	148.50		
	Bettahalli								
	Bettahalli Main Road		1	591.00	6.00	0.15	531.90		
	Kadabagere Grama Panchayathi								
	Kadabagere								
	From Government School		1	145.00	6.00	0.15	130.50		
			1	45.00	6.00	0.15	40.50		
			1	140.00	6.00	0.15	126.00		
	Spoorthi Layout								
	1st Cross		1	130.00	6.00	0.15	117.00		
	2nd Cross		1	202.00	6.00	0.15	181.80		
	Ravuthanahalli Village								
	Arasappa house Rd, Jeevan Nilaya		1	180.00	6.00	0.15	162.00		
	Ganga Arasayya House Road		1	72.00	6.00	0.15	64.80		
	Connecting Road 1 Ganga Arasayya House Road		1	150.00	6.00	0.15	135.00		
	Connecting Road 2 Ganga Arasayya House Road		1	126.00	3.50	0.15	66.15		
	Narsimmaiah house Road		1	150.00	6.00	0.15	135.00		
	Chandu Nilaya Road		1	176.00	6.00	0.15	158.40		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Revanna House road Jinnagaradamma layout		1	72.00	6.00	0.15	64.80		
	Laksmi layout								
	7th, 8th and 9th cross		1	375.00	5.00	0.15	281.25		
	C K Halli Gate								
	Manjunath House Road		1	36.00	6.00	0.15	32.40		
	Radha House Road		1	35.00	6.00	0.15	31.50		
	Lakshmamma Thimmaiah House Road		1	90.00	6.00	0.15	81.00		
	Narshimmaiah House Road		1	65.00	6.00	0.15	58.50		
	Ravi House Road		1	35.00	6.00	0.15	31.50		
	Hanmanthu House Road		1	65.00	6.00	0.15	58.50		
	Vadrahalli								
	Beside Nethravathi Real Estate Road		1	110.00	4.00	0.15	66.00		
	Sidhappa House Road		1	180.00	3.40	0.15	91.80		
	Murthy House Road		1	45.00	6.00	0.15	40.50		
			1	35.00	6.00	0.15	31.50		
			1	116.00	6.00	0.15	104.40		
	Signayakanahalli Grama Panchayathi								
	Avalahalli								
	Anjeneya temple rd		1	98.00	3.80	0.15	55.86		
	Singnayakanahalli Sai layout								
	Sai leela convention road		1	145.00	6.80	0.15	147.90		
	Balaji Layout								
	Main road		1	134.00	5.00	0.15	100.50		
			1	65.00	3.80	0.15	37.05		
			1	28.50	5.00	0.15	21.38		
	Dibbur		1	145.00	6.50	0.15	141.38		
							6691.55	**5524.92**	**36970250.80**
14	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 **M30 (Grade)**, coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity andappropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes,compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.(V-III, P.No-138,I No-20.29, KPWD SR 2021-22).								
	Basic Rate	6837.00							
	Area Weightage 3%	205.11							
	Total Rate	**7042.11**							
		Cum							
	Machohalli Grama Panchayathi								
	Bailkonenahalli								
	Beside Berht Robotics		1	130.00	6.00	0.15	117.00		
	Uddhandayya Layout		1	233.00	6.00	0.15	209.70		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Haleooramma temple road		1	210.00	6.00	0.15	189.00		
	Sri Haripada Nilaya Road								
	Ganavi Nilaya House Road		1	130.00	5.00	0.15	97.50		
	Kamath layout								
	Main Road		1	92.00	6.00	0.15	82.80		
			1	48.00	6.00	0.15	43.20		
			1	72.00	5.50	0.15	59.40		
			1	65.00	5.50	0.15	53.63		
			1	50.00	6.00	0.15	45.00		
			1	107.00	5.50	0.15	88.28		
			1	60.00	5.50	0.15	49.50		
	Mookambika Layout								
	Jagadish House Road		1	60.00	5.00	0.15	45.00		
	Opp. Chethan hairstyle Road		1	76.00	6.00	0.15	68.40		
	Lakshman house Road		1	52.00	5.30	0.15	41.34		
	Byandahalli								
	Opposite Sri Shanmuga Hotel		1	48.00	5.50	0.15	39.60		
	Beside Nandi Complex		1	132.00	5.50	0.15	108.90		
	Veerabhadhra Swamy House Road		1	70.00	6.00	0.15	63.00		
	Kamath layout 11th cross Road Opp.		1	75.00	6.00	0.15	67.50		
			1	145.00	5.50	0.15	119.63		
			1	100.00	6.00	0.15	90.00		
	Kittanahalli Grama Panchayathi								
	Kittanahalli								
	Front of Panchayath Office		1	60.80	10.00	0.15	91.20		
	M.G. Layout Starting Point		1	25.50	11.00	0.15	42.08		
			1	197.00	5.50	0.15	162.53		
			1	56.00	7.60	0.15	63.84		
			1	50.00	4.50	0.15	33.75		
			1	40.00	4.10	0.15	24.60		
	From Aishwarya Creation Centre		1	145.00	6.00	0.15	130.50		
	Kuvempu Badavane								
	Shanthi Nivas house Road		1	220.00	8.00	0.15	264.00		
	Raghavendra layout								
	Triveni Road, 2nd Cross		1	36.00	6.00	0.15	32.40		
	Guru Nilaya , 5th Cross		1	18.70	6.00	0.15	16.83		
	Jagadish House Road		1	100.00	3.60	0.15	54.00		
	A.N. Kru Road, 4th Main Road		1	85.00	6.00	0.15	76.50		
	Gangamma House Road		1	33.00	4.00	0.15	19.80		
	Basveshwara Temple Road		1	91.00	6.00	0.15	81.90		
	Ravathnahalli								
	Karthik House Road		1	140.00	6.00	0.15	126.00		
	Rajanna House Road		1	173.00	6.00	0.15	155.70		
	Chamundeshwari Layout								
	Lokesh house Road		1	28.00	5.00	0.15	21.00		
	Vijaykumar. M house Rd		1	157.00	6.00	0.15	141.30		
	Main Road		1	165.00	6.00	0.15	148.50		
	Bettahalli								
	Bettahalli Main Road		1	591.00	6.00	0.15	531.90		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Kadabagere Grama Panchayathi								
	Kadabagere								
	From Government School		1	145.00	6.00	0.15	130.50		
			1	45.00	6.00	0.15	40.50		
			1	140.00	6.00	0.15	126.00		
	Spoorthi Layout								
	1st Cross		1	130.00	6.00	0.15	117.00		
	2nd Cross		1	202.00	6.00	0.15	181.80		
	Ravuthanahalli Village								
	Arasappa house Rd, Jeevan Nilaya		1	180.00	6.00	0.15	162.00		
	Ganga Arasayya House Road		1	72.00	6.00	0.15	64.80		
	Connecting Road 1 Ganga Arasayya House Road		1	150.00	6.00	0.15	135.00		
	Connecting Road 2 Ganga Arasayya House Road		1	126.00	3.50	0.15	66.15		
	Narsimmaiah house Road		1	150.00	6.00	0.15	135.00		
	Chandu Nilaya Road		1	176.00	6.00	0.15	158.40		
	Revanna House road Jinnagaradamma layout		1	72.00	6.00	0.15	64.80		
	Laksmi layout								
	7th, 8th and 9th cross		1	375.00	5.00	0.15	281.25		
	C K Halli Gate								
	Manjunath House Road		1	36.00	6.00	0.15	32.40		
	Radha House Road		1	35.00	6.00	0.15	31.50		
	Lakshmamma Thimmaiah House Road		1	90.00	6.00	0.15	81.00		
	Narshimmaiah House Road		1	65.00	6.00	0.15	58.50		
	Ravi House Road		1	35.00	6.00	0.15	31.50		
	Hanmanthu House Road		1	65.00	6.00	0.15	58.50		
	Vadrahalli								
	Beside Nethravathi Real Estate Road		1	110.00	4.00	0.15	66.00		
	Sidhappa House Road		1	180.00	3.40	0.15	91.80		
	Murthy House Road		1	45.00	6.00	0.15	40.50		
			1	35.00	6.00	0.15	31.50		
			1	116.00	6.00	0.15	104.40		
	Signayakanahalli Grama Panchayathi								
	Avalahalli								
	Anjeneya temple rd		1	98.00	3.80	0.15	55.86		
	Singnayakanahalli Sai layout								
	Sai leela convention road		1	145.00	6.80	0.15	147.90		
	Balaji Layout								
	Main road		1	134.00	5.00	0.15	100.50		
			1	65.00	3.80	0.15	37.05		
			1	28.50	5.00	0.15	21.38		
	Dibbur		1	145.00	6.50	0.15	141.38		
							6691.55	**7042.11**	**47122595.96**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
15	Supply and fixing of Retro Reflective **Single arrow road name sign board** of size 2000mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for								
	Data Rate	38000.00							
		Each							
			80				80.00		
							80.00	**38000.00**	**3040000.00**
16	Supply and fixing of Retro Reflective **Double arrow road name sign board** of size 2000mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for								
	Data Rate	44000.00							
		Each							
			20				20.00		
							20.00	**44000.00**	**880000.00**
16	Providing and laying in position **plain cement concrete for levelling course for all works in foundation**. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm								
	Basic rate	2394.00							
	Area Weightage 3%	71.82							
	Total	2465.82							
	Sthree Shakti Bhavana	Sqm							
	Footing								
	F1		6	1.80	1.80	0.15	2.92		
	SSM Foundation		1	13.00	0.75	0.15	1.46		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			2	7.00	0.75	0.15	1.58		
			2	6.00	0.75	0.15	1.35		
			2	5.25	0.75	0.15	1.18		
			2	2.25	0.75	0.15	0.51		
			2	0.75	0.75	0.15	0.17		
	Sump tank		1	3.20	3.20	0.15	1.54		
	Madivala Machideva sabha Bhavana								
	Footing								
	F1		8	1.80	1.80	0.15	3.89		
	SSM **Foundation**		1	16.00	0.75	0.15	1.80		
			2	10.00	0.75	0.15	2.25		
			2	6.00	0.75	0.15	1.35		
			3	9.25	0.75	0.15	3.12		
			2	2.25	0.75	0.15	0.51		
			2	0.75	0.75	0.15	0.17		
	Sump tank		1	3.20	3.20	0.15	1.54		
							25.32	**5924.56**	**149989.86**
17	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-I								
	Basic rate	**6285.00**							
	Formwork	**628.50**							
	Sub Total	6913.50							
	Area Weightage 3%	**207.41**							
	Total	7120.91							
		Cum							
	Sthree Shakti Bhavana								
	Footing								
	F1		6	1.50	1.50	0.45	6.08		
	Column below Plinth								
	C1		6	0.20	0.45	1.50	0.81		
	Sump		1	2.60	2.60	0.20	1.35		
	Madivala Machideva sabha								
	Footing								
	F1		8	1.50	1.50	0.45	8.10		
	Column below Plinth		8	0.20	0.45	1.50	1.08		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Sump		1	2.60	2.60	0.20	1.35		
							18.77	**7120.91**	**133652.27**
18	Providing and laying in **position Reinforced** cement concrete **for all Super structures of building** , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-I								
	Basic rate	**6471.00**							
	Formwork	**647.10**							
	Sub Total	**7118.10**							
	Area Weightage 3%	**213.54**							
	Total	**7331.64**							
		Cum							
	Sthree Shakti Bhavana								
	Plinth Beam		3	7.00	0.20	0.35	1.47		
			3	6.00	0.45	0.15	1.22		
			2	5.40	0.20	0.35	0.76		
			2	2.55	0.45	0.35	0.80		
			2	0.40	0.45	0.15	0.05		
	Coloumn Above Plinth								
	C1		6	0.20	0.45	2.60	1.40		
	Roof Beams		3	7.00	0.20	0.30	1.26		
			2	5.40	0.45	0.15	0.73		
	Roof Slab		1	7.00	6.00	0.15	6.30		
			1	6.00	3.00	0.15	2.70		
	Sump Bottom Slab		1	2.60	2.60	0.15	1.01		
	Sump Top Slab		1	3.00	3.00	0.15	1.35		
	Lintel								
	MD		1	2.10	0.20	0.20	0.08		
	W		6	1.50	0.20	0.15	0.27		
	D		2	1.20	0.20	0.15	0.07		
	D1		4	1.05	0.10	0.15	0.06		
	V		4	0.90	0.20	0.15	0.11		
	Chajja								
	W		6	1.50	0.60	0.075	0.41		
	Madivala Machideva sabha Bhavana								
	Plinth Beam		1	16.00	0.20	0.45	1.44		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			2	10.00	0.20	0.45	1.80		
			2	6.00	0.45	0.15	0.81		
			3	9.60	0.20	0.45	2.59		
			2	2.35	0.45	0.15	0.32		
			2	0.90	0.45	0.15	0.12		
	Coloumn Above Plinth								
	C1		8	0.20	0.45	2.60	1.87		
	Roof Beam								
			3	10.00	0.20	0.45	2.70		
			3	9.40	0.20	0.45	2.54		
	Slab		1	10.00	10.00	0.15	15.00		
	Sump Bottom Slab		1	2.60	2.60	0.15	1.01		
	Sump Top Slab		1	3.00	3.00	0.15	1.35		
	Lintel								
	MD		1	2.10	0.20	0.20	0.08		
	W		6	1.50	0.20	0.15	0.27		
	D		2	1.20	0.20	0.15	0.07		
	D1		4	1.05	0.10	0.15	0.06		
	V		4	0.90	0.20	0.15	0.11		
	Chajja								
	W		11	1.50	0.60	0.075	0.74		
							52.95	**7331.64**	**388221.49**
19	Providing **Size Stone** masonry with hard stone in foundation & plinth with Cement mortar 1:6(1 cement : 6 coarse sand) (V-II Page No.9, Item No.5.4 of PWD SR 2021-22)								
	Basic rate	**5422.00**							
	Area Weightage 3%	**162.66**							
	Total	**5584.66**							
		Cum							
	Sthree Shakti Bhavana								
	SSM Foundation		1	13.00	0.60	0.45	3.51		
			2	7.00	0.60	0.45	3.78		
			2	6.00	0.60	0.45	3.24		
			2	4.95	0.60	0.45	2.67		
			2	2.15	0.60	0.45	1.16		
			2	0.95	0.60	0.45	0.51		
			1	13.00	0.45	0.45	2.63		
			2	7.00	0.45	0.45	2.84		
			2	6.00	0.45	0.45	2.43		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			2	4.95	0.45	0.45	2.00		
			2	2.15	0.45	0.45	0.87		
			2	0.95	0.45	0.45	0.38		
	SSM **Foundation**		1	16.00	0.60	0.45	4.32		
			2	10.00	0.60	0.45	5.40		
			2	6.00	0.60	0.45	3.24		
			3	9.40	0.60	0.45	7.61		
			2	2.40	0.60	0.45	1.30		
			2	0.90	0.60	0.45	0.49		
			1	16.00	0.60	0.45	4.32		
			2	10.00	0.60	0.45	5.40		
			2	6.00	0.60	0.45	3.24		
			3	9.40	0.60	0.45	7.61		
			2	2.40	0.60	0.45	1.30		
			2	0.90	0.60	0.45	0.49		
							70.75	**5584.66**	**395096.54**
20	**Filling available excavated earth** (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.(V-I Page No.7, Item No.1.9 of PWD SR 2021-22)								
	Basic rate	204.00							
	Area Weightage 3%	6.12							
	Total	210.12							
		Cum							
	Sthree Shakti Bhavana								
	Qty from Item No-1						205.01		
	Plinth Area		1	5.60	6.60	0.45	16.63		
	Toilet Flooring		1	5.80	2.60	0.45	6.79		
	Madivala Machideva sabha Bhavana								
	Plinth Area		1	9.60	9.60	0.45	41.47		
	Toilet Flooring		1	5.80	2.60	0.45	6.79		
							276.69	**210.12**	**58137.63**
21	Providing Thermo-Mechanically Treated **bars of grade Fe-500D** or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (V-II Page No.11.32, Item No.84 of PWD SR 2021-22)								
	Basic rate	106.00							
	Area Weightage 3%	3.18							
	Total	109.18							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		Kg							
	Sthree Shakti Bhavana								
	Footing			6.08		120.00	729.00		
	Column			2.21		120.00	265.68		
	Plinth Beam			4.30		100.00	429.83		
	Roof Beams and Slab			13.35		120.00	1602.36		
	Chajja and Lintel			1.00		80.00	80.16		
	Madivala Machideva sabha Bhavana								
	Footing			8.10		120.00	972.00		
	Column			2.95		120.00	354.24		
	Plinth Beam			7.08		100.00	708.08		
	Roof Beams and Slab			23.95		120.00	2874.48		
	Chajja and Lintel			1.34		80.00	107.16		
							8122.98	**109.18**	**886866.96**
22	Providing and constructing load bearing wall with **Solid Concrete blocks** of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per								V-2 i-6.32 P-17
	Basic rate	**1202.00**							
	Area Weightage 3%	**36.06**							
	Total	**1238.06**							
		Sqm							
	Sthree Shakti Bhavana								
			1	13.00		2.60	33.80		
			1	7.00		2.60	18.20		
			1	6.00		2.60	15.60		
			2	5.60		2.90	32.48		
			1	2.60		2.90	7.54		
	Sump		2	3.00		1.80	10.80		
			2	2.60		1.80	9.36		
	Deductions								
	MD		-1	1.80		2.10	-3.78		
	W		-6	1.20		1.20	-8.64		
	D		-2	0.90		2.10	-3.78		
	V		-4	0.60		0.60	-1.44		
	Madivala Machideva sabha Bhavana								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			2	10.00		2.60	52.00		
			2	9.60		2.60	49.92		
			2	6.00		2.90	34.80		
			1	2.80		2.60	7.28		
	Sump		2	3.00		1.80	10.80		
			2	2.60		1.80	9.36		
	Deductions								
	MD		-1	1.80		2.10	-3.78		
	W		-11	1.20		1.20	-15.84		
	D		-2	0.90		2.10	-3.78		
	V		-4	0.60		0.60	-1.44		
							249.46	**1238.06**	**308846.00**
23	KSRB 5-15: Providing and constructing non load bearing wall with **solid concrete blocks** of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour							V-9 i-6.34 P-17	
	Basic rate	**946.00**							
	Area Weightage 3%	**28.38**							
	Total	**974.38**							
		Sqm							
	Sthree Shakti Bhavana								
			1	5.80		2.90	16.82		
			1	2.60		2.90	7.54		
			2	1.30		2.90	7.54		
	Deductions								
	D1		-4	0.75		2.10	-6.30		
	Madivala Machideva sabha Bhavana								
			1	5.80		2.90	16.82		
			1	2.60		2.90	7.54		
			2	1.30		2.90	7.54		
	Deductions								
	D1		-4	0.75		2.10	-6.30		
							51.20	**974.38**	**49888.00**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
24	Providing and laying **water proofing treatment to the Roof** with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of							V-2 P-183 I-15.1	
	Basic rate	**745.00**							
	Area Weightage 3%	**22.35**							
	Total	**767.35**							
		Sqm							
	Sthree Shakti Bhavana		1	6.60	5.60		36.96		
			1	5.80	2.80		16.24		
	Sump tank		1	2.60	2.60		6.76		
	Madivala Machideva sabha Bhavana		1	9.60	9.60		92.16		
			1	5.80	2.80		16.24		
	Sump tank		1	2.60	2.60		6.76		
							175.12	**767.35**	**134378.00**
25	**Providing Honne wood frames** of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage							12.11 P-99	, V-2
	Basic rate	**90393.00**							
	Area Weightage 3%	**2711.79**							
	Total	**93104.79**							
		Cum							
	Sthree Shakti Bhavana								
	MD		1	7.80	0.15	0.125	0.15		
	Madivala Machideva sabha Bhavana								
	MD		1	7.80	0.15	0.125	0.15		
							0.29	**93104.79**	**27000.00**
26	**Fixing of door frame** in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.(V-II Page								P-105 12.51	
	Basic rate	**1485.00**							
	Area Weightage 3%	**44.55**							
	Total	**1529.55**							
		Nos							
	Sthree Shakti Bhavana								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	MD		1				1.00		
	Madivala Machideva sabha Bhavana								
	MD		1				1.00		
							2.00	**1529.55**	3059.00
27	Providing and fixing flush door shutter made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door useing liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer								
	Basic rate	**2638.00**							
	Area Weightage 3%	**79.14**							
	Total	**2717.14**							
		Sqm							
	Sthree Shakti Bhavana								
	MD		1	1.80		2.10	3.78		
	Madivala Machideva sabha Bhavana								
	MD		1	1.80		2.10	3.78		
							7.56	**2717.14**	20542.00
28	Providing and fixing 1mm thick **M.S. sheet door with frame** of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge (V-II Page								
	Basic rate	**3660.00**							
	Area Weightage 3%	**109.80**							
	Total	**3769.80**							
		Sqm							
	Sthree Shakti Bhavana								
	D		2	0.90		2.10	3.78		
	D1		4	0.75		2.10	6.30		
	Madivala Machideva sabha Bhavana								
	D		2	0.90		2.10	3.78		
	D1		4	0.75		2.10	6.30		
							20.16	**3769.80**	75999.00

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
29	Providing & fixing of **2-track x 2-panel** sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6 PHR with TPE (Thermo Plastic Elastomer) and lead free, gaskets -grey color having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 44mm width x 40mmheight with reinforcement of 1mm thickness and Sash with overall size of 27mm X 53mm with UPVC honeycomb structure inside in lieu of GI reinforcement. Coextruded Glazing bead for fixing of glass shall be of size 9.5mm x 21.5mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with Crescent Locks. Wall thickness of							V-2 i-12.84 P-110	
	Basic rate	4114.00							
	Area Weightage 3%	**123.42**							
	Total	**4237.42**							
		Sqm							
	Sthree **Shakti Bhavana**								
	W		6	1.20		1.20	8.64		
	V		4	0.60		0.60	1.44		
	Madivala Machideva sabha Bhavana								
	W		11	1.20		1.20	15.84		
	V		4	0.60		0.60	1.44		
							27.36	**4237.42**	**115935.81**
30	Providing and fixing **M.S.** grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding (V-II, Page No.85, Item No.11.34A of PWD SR								
	Basic rate	131.00							
	Area Weightage 3%	**3.93**							
	Total	**134.93**							
		Kg							
	Sthree Shakti Bhavana								
	W		6	1.20		1.20	8.64		
	V		4	0.60		0.60	1.44		
	Madivala Machideva sabha Bhavana								
	W		11	1.20		1.20	15.84		
	V		4	0.60		0.60	1.44		
	Total Qty in kgs (qty in Sqm *21 kg/sqm)						**27.36**		
							574.56		
							574.56	**134.93**	77525.38
31	Providing and laying flooring **and steps fine machine** polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed including cost of materials, mortar, labour, curing							i-9.3 P-64 V-9	
	Basic rate	2401.00							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Area Weightage 3%	**72.03**							
	Total	**2473.03**							
		Sqm							
	Sthree Shakti Bhavana								
			1	6.60	5.60		36.96		
	Skirting		1	24.40		0.10	2.44		
	Madivala Machideva sabha Bhavana								
			1	9.60	9.60		92.16		
	Skirting		1	38.40		0.10	3.84		
							135.40	**2473.03**	**334848.26**
32	Providing and laying **flamed finish Granite stone** flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge : **							V-2 o-9.23 c- p-63	
	Basic rate	**1899.00**							
	Area Weightage 3%	**56.97**							
	Total	**1955.97**							
		Sqm							
	Sthree Shakti Bhavana								
	Front Steps								
	Tread		4	1.80	0.20		1.44		
	Riser		4	1.80		0.15	1.08		
	Madivala Machideva sabha Bhavana								
	Front Steps								
	Tread		4	1.80	0.20		1.44		
	Riser		4	1.80		0.15	1.08		
							5.04	**1955.97**	**9858.00**
33	Providing and laying **Ceramic glazed floor tiles** of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc.,							V-2 o-9.11 c- p-80	
	Basic rate	**773.00**							
	Area Weightage 3%	**23.19**							
	Total	**796.19**							
		Sqm							
	Sthree Shakti Bhavana								
	Toilet		4	1.38	1.30		7.18		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			2	2.85	1.20		6.84		
	Madivala Machideva sabha Bhavana								
	Toilet		4	1.38	1.30		7.18		
			2	2.85	1.20		6.84		
							28.03	**796.19**	**22319.00**
34	KSRB 14-17.2 : Providing skirting, dadoing, **rises of steps with colour** glazed tiles 15x15cmc 6mm on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16,14.17							P- 108 SR18-19 i-14.41.1	
	Basic rate	**1963.00**		check the rate					
	Area Weightage 3%	**58.89**		1271					
	Total	**2021.89**							
		Sqm							
	Sthree Shakti Bhavana	Sqm							
	Toilet Dado		4	5.36		1.50	32.16		
			2	8.10		1.50	24.30		
	Deductions								
	D		-2	0.90		1.50	-2.70		
			-8	0.75		1.50	-9.00		
	Madivala Machideva sabha Bhavana								
	Toilet Dado		4	5.36		1.50	32.16		
			2	8.10		1.50	24.30		
	Deductions								
	D		-2	0.90		1.50	-2.70		
			-8	0.75		1.50	-9.00		
	20mm						**89.52**	**2021.89**	**181000.00**
35	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(V-II, Page							i-8.3.1 P-41	
	Basic rate	**307.00**							
	Area Weightage 3%	**9.21**							
	Total	**316.21**							
		Sqm							
	Sthree Shakti Bhavana								
	Ceiling Plastering		1	6.60	5.60		36.96		
			4	1.38	1.30		7.18		
			2	2.85	1.20		6.84		
	Inside Wall Plastering		2	6.60		2.90	38.28		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			2	5.60		2.90	32.48		
	Toilet		4	5.36		1.40	30.02		
			2	8.10		1.40	22.68		
	Deductions								
	MD		-1	1.80		2.10	-3.78		
	W		-6	1.20		1.20	-8.64		
	D		-2	0.90		0.90	-1.62		
	D1		-8	1.05		0.90	-7.56		
	V		-4	0.60		0.6	-1.44		
							151.39		
	Sump		2	3.00		1.80	10.80		
			2	2.60		1.80	9.36		
							20.16		
	Madivala Machideva sabha Bhavana								
	Ceiling Plastering		1	9.60	9.60		92.16		
			4	1.38	1.30		7.18		
			2	2.85	1.20		6.84		
	Inside Wall Plastering		2	6.60		2.90	38.28		
			2	5.60		2.90	32.48		
	Toilet		4	5.36		1.40	30.02		
			2	8.10		1.40	22.68		
	Deductions								
	MD		-1	1.80		2.10	-3.78		
	W		-11	1.20		1.20	-15.84		
	D		-2	0.90		0.90	-1.62		
	D1		-8	1.05		0.90	-7.56		
	V		-4	0.60		0.6	-1.44		
							199.39		
	Sump		2	3.00		1.80	10.80		
			2	2.60		1.80	9.36		
							20.16		
	15mm						**391.10**	**316.21**	**123671.00**
36	Providing 20 mm **cement plaster** of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(V-II, Page No.41, Item No.8.3.1								
	Basic rate	**253.00**							
	Area Weightage 3%	**7.59**							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Total	**260.59**							
		Sqm							
	Sthree Shakti Bhavana								
	External Plastering		1	13.00		4.75	61.75		
			1	7.00		4.75	33.25		
			1	6.00		4.75	28.50		
			1	6.00		4.75	28.50		
			2	3.00		4.75	28.50		
	Deductions								
	MD		-1	1.80		2.10	-3.78		
	D		-2	0.90		2.10	-3.78		
	W		-6	1.20		1.20	-8.64		
	V		-4	0.60		0.60	-1.44		
	Madivala Machideva sabha Bhavana								
	External Plastering		1	16.00		4.75	76.00		
			1	10.00		4.75	47.50		
			1	6.00		4.75	28.50		
			1	10.00		4.75	47.50		
			1	7.00		4.75	33.25		
			1	3.00		4.75	14.25		
	Deductions								
	MD		-1	1.80		2.10	-3.78		
	D		-2	0.90		2.10	-3.78		
	W		-11	1.20		1.20	-15.84		
	V		-4	0.60		0.60	-1.44		
							385.02	**260.59**	**100332.00**
37	Wall painting **with** acrylic **emulsion paint** of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per								
	Basic rate	**95.00**							
	Area Weightage 3%	**2.85**							
	Total	**97.85**							
		Sqm							
	Ceiling and Inside Plastering Qty		1	391.10			391.10		
							391.10	**97.85**	**38270.00**
38	Providing **White washing with lime** to give an even shade :New work (three coats) with lime of approved quality, including cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-II, Page No.44, Item No.8.21 of PWD SR								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Basic rate	**19.00**							
	Area Weightage 3%	**0.57**							
	Total	**19.57**							
		Sqm							
	External Plastering Qty		1	385.02			385.02		
							385.02	**19.57**	**7535.00**
39	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as							V- 2 P- 46 i- 8.30	
	Basic rate	**136.00**							
	Area Weightage 3%	**4.08**							
	Total	**140.08**							
		Sqm							
	Outer Plastering Qty		1	385.02			385.02		
							385.02	**140.08**	**53934.00**
40	Painting with **synthetic enamel paint of approved brand** and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per							V- 2 P- 48 i- 8.41	
	Basic rate	**130.00**							
	Area Weightage 3%	**3.90**							
	Total	**133.90**							
		Sqm							
	Sthree Shakti Bhavana								
	Window (W)		6	1.20		1.20	8.64		
	Ventilator (V)		4	0.60		0.60	1.44		
	Madivala Machideva sabha Bhavana								
	Window (W)		11	1.20		1.20	15.84		
	Ventilator (V)		4	0.60		0.60	1.44		
							27.36	**133.90**	**3664.00**
41	Providing and **fixing chromium plated brass handles** of 100/125 mm with necessary screws etc. Complete(V-II Page No.107, Item No.12.62 of PWD SR 2021-22)								
	Basic rate	**175.00**							
	Area Weightage 3%	**5.25**							
	Total	**180.25**							
		Nos							
	D		4				4.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
							4.00	180.25	721.00
42	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.125x65x2.12mm(V-II Page No.107, Item No.12.68.1 of PWD SR 2021-22)								
	Basic rate	38.00							
	Area Weightage 3%	1.14							
	Total	39.14							
		Nos							
			20				20.00		
							20.00	39.14	783.00
43	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. Complete 250x10mm (V-II Page No.109, Item No.12.76 of PWD SR 2021-22)								
	Basic rate	337.00							
	Area Weightage 3%	10.11							
	Total	347.11							
		Nos							
			4				4.00		
							4.00	347.11	1388.00
44	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work,							V- 2 124 P- 13.32.3	
	Basic rate	476.00							
	Area Weightage 3%	14.28							
	Total	490.28							
		Mtr							
	Sthree Shakti Bhavana			60.00			60.00		
							60.00	490.28	29416.80
45	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work,							V- 2 124 P- 13.32.2	
	Basic rate	373.00							
	Area Weightage 3%	11.19							
	Total	384.19							
		Mtr							
	Sthree Shakti Bhavana			60.00			60.00		
							60.00	384.19	23051.40

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
46	**Providing and fixing white vitreous china pedestal** type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid								V-2 P-123 14·3.1
	Basic rate	**5005.00**							
	Area Weightage 3%	**150.15**							
	Total	**5155.15**							
		Each							
	Toilets		8				8.00		
							8.00	**5155.15**	**41241.20**
47	**Providing and fixing white vitreous china laboratory sink** with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever								V-2 P-126
	Basic rate	**4644.00**							
	Area Weightage 3%	**139.32**							
	Total	**4783.32**							
		Each							
	Toilets		4				4.00		
							4.00	**4783.32**	**19133.28**
48	**Providing and fixing white vitreous china flat back** half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and								V-2 P-124 14·5.1
	Basic rate	**6628.00**							
	Area Weightage 3%	**198.84**							
	Total	**6826.84**							
		Each							
	Toilets		4				4.00		
							4.00	**6826.84**	**27307.36**
49	**Supplying PVC ringtite pipes** conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make								BWSSB P-134 1·1·7
	Basic rate	**394.00**							
	Area Weightage 3%	**11.82**							
	Total	**405.82**							
		M							
	Sthree Shakti Bhavana		1	90.00			90.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
							90.00	405.82	36523.80
50	Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 :1996 with manhole lid and suitable locking\ arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and								V-
	Basic rate	8.50							
	Area Weightage 3%	0.26							
	Total	8.76							
		L							
	Sthree Shakti Bhavana		1	2000			2000.00		
							2000.00	8.76	17510.00
51	Providing and fixing gun metal non- return valve of approved quality (screwed end)(V-II Page No.115, Item No.13.6.1.2 of PWD SR 2021-22)								
	Basic rate	553.00							
	Area Weightage 3%	16.59							
	Total	569.59							
		Nos							
			8				8.00		
							8.00	569.59	4556.72
52	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete(V-II Page No.115, Item No.13.5.2 of PWD SR 2021-22)								
	Basic rate	360.00							
	Area Weightage 3%	10.80							
	Total	370.80							
		Each	16				16.00		
							16.00	370.80	5932.80
53	Providing and fixing PTMT pillar cock of approved quality and colour15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms(V-II Page No.118, Item No.13.20.2 of PWD SR 2021-22)								
	Basic rate	220.00							
	Area Weightage 3%	6.60							
	Total	226.60							
		Each	16				16.00		
							16.00	226.60	3625.60
54	Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not								V-2 :- 14·37·2 P-129
	Basic rate	244.00							
	Area Weightage 3%	7.32							
	Total	251.32							
		Each							
			16				16.00		
							16.00	251.32	4021.12

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
55	Concealed Conduit System Supplying **heavy gauge PVC conduit** pipe 19/20mm **dia 2mm** thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end								
	Basic rate	**61.00**							
		Mtr							
	Sthree Shakti Bhavana		1	90.00			90.00		
							90.00	**61.00**	**5490.00**
56	Concealed Conduit System Supplying **heavy** gauge PVC conduit pipe 25mm **dia 2mm** thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end								
	Basic rate	**70.00**							
		Mtr							
	Sthree Shakti Bhavana		1	90.00			90.00		
							90.00	**70.00**	**6300.00**
57	Concealed Conduit System Supplying **heavy gauge PVC conduit** pipe 19/20mm **dia 2mm** metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through								
	Basic rate	**75.00**							
		Mtr							
	Sthree Shakti Bhavana		1	90.00			90.00		
							90.00	**75.00**	**6750.00**
58	Concealed Conduit System Supplying heavy gauge **PVC conduit** pipe **25mm dia 2.mm** metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through								
	Basic rate	**80.00**							
		Mtr							
	Sthree Shakti Bhavana		1	90.00			90.00		
							90.00	**80.00**	**7200.00**
59	Concealed Conduit System Supplying heavy **gauge PVC conduit pipe 32mm dia 2.5mm** metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through								
	Basic rate	**105.00**							
		Mtr							
	Sthree Shakti Bhavana		1	20.00			20.00		
							20.00	**105.00**	**2100.00**
60	**Wiring for lighting/power circuit** using one of FRLS PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring with specified IS-694:1990 &								
	1.0 Sqm	Mtr	1	200.00			200.00	18.00	3600.00
	1.5 Sqm	Mtr	1	200.00			200.00	26.00	5200.00
	2.5 Sqm	Mtr	1	200.00			200.00	40.00	8000.00

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	4.0 Sqm	Mtr	1	200.00			200.00	59.00	11800.00
	10.0 Sqm	Mtr	1	200.00			200.00	157.00	31400.00
61	Point wiring using Copper wire without switch.Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using 1100V Grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2x1.5 Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose lenght in a wood/PVC round block. complete for each								
	Short point up to 3mtrs from tapping point to out let via switch (Page No.3, Item No.2.2.1 of PWD Electrical SR 2021-22)	Point	1	36.00			36.00	251.00	9036.00
	Medium point a above 3mtr up to 6mtr from tapping point to out let via switch (Page No.3, Item No.2.2.2 of PWD Electrical SR 2021-22)	Point	1	36.00			36.00	361.00	12996.00
	Long point a above 6mtr up to 10mtr from tapping point to out let via switch (Page No.3, Item No.2.2.3 of PWD Electrical SR 2021-22)	Point	1	24.00			24.00	542.00	13008.00
62	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve , indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC60898.5-32Amps DP (Page No.13,								d/2 i-5.17 P-13
	6-32Amps SP	Each	20				20.00	523.00	10460.00
	6-32 Amps DP	Each	20				20.00	1103.00	22060.00
	40 Amps TPN	Each	14				14.00	2393.00	33502.00
	50-63 Amps SP	Each	14				14.00	734.00	10276.00
63	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure,III-Single								P-13 i-5.18.4
	Sthree Shakti Bhavana	Each	6				6.00		
							6.00	1591.00	9546.00
64	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mounting using required clamps, bolts, nuts etc. with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with power coated painting etc., complete: Double door: 6 way TP &N , Group (A)								P-13 i-5.18 .12
	Sthree Shakti Bhavana	Each	6				6.00		
							6.00	3735.00	22410.00
65	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC supply & completely wired on existing box. (Page No.6, Item No.3.7 of PWD								P-6 i-3.7
	Sthree Shakti Bhavana	Each	14				14.00		
							14.00	747.00	10458.00
66	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3 Way (Page No.5, Item No.3.4.1 of PWD Electrical SR 2021-22)								
	Sthree Shakti Bhavana	Each	100				100.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		Each					100.00	123.00	12300.00
67	Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes : Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes, Class H Insulated copper wire, Vacuum impregnated high quality with Low loss silicon steel lamination operated on 240V,50Hz supply with IEC 60920 (Safety) & IEC								i- 12.23 p-41
	Sthree Shakti Bhavana	Each	20				20.00		
							20.00	300.00	6000.00
68	Supply and fixing metal fan box with round hook (Page No.2, Item No.1.12 of PWD Electrical SR 2021-22)								
	Sthree Shakti Bhavana	Nos	16				16.00		
							16.00	163.00	2608.00
69	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.(Page No.5, Item No.3.6 of PWD Electrical SR 2021-22)								
	6Amps SP Switch	Each	10				10.00	88.00	880.00
	6Amps 3way 5 pin socket	Each	10				10.00	162.00	1620.00
	16Amps SP Switch	Each	8				8.00	249.00	1992.00
	32Amps Flush/projected types DP switch	Each	8				8.00	375.00	3000.00
70	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall								ele i- 3.4 p 5
	1-3Way	Each	1	20			20.00	123.00	2460.00
	4-5Way	Each	1	20			20.00	138.00	2760.00
	6Way	Each	1	20			20.00	212.00	4240.00
	8Way	Each	1	24			24.00	250.00	6000.00
	10-12Way	Each	1	16			16.00	325.00	5200.00
	16Way	Each	1	4			4.00	354.00	1416.00
71	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing								p-5 i-3.5
	1 to 3 Module	Each	1	20			20.00	152.00	3040.00
	4Moudule	Each	1	20			20.00	175.00	3500.00
	6Moudule	Each	1	20			20.00	244.00	4880.00
	8Moudule	Each	1	24			24.00	302.00	7248.00
	10Moudule	Each	1	16			16.00	363.00	5808.00
	12Moudule	Each	1	4			4.00	403.00	1612.00
72	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies for operation on 230 Volts, 50 Cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system.(84/9.3)56" Sweep (1400mm) Regular model (Page No.22, Item No.6.3.2 of PWD ele								
	Sthree Shakti Bhavana	Each	16				16.00		
							16.00	2170.00	34720.00
73	Supplying and fixing of Electronic Ballast suitable for T8 Lamp with housing made of Pre-coated steel/PC, Operating voltage range from 180V to 265V, 50Hz AC power Supply flicker free warm start with over voltage protection, Inrush current protection, De-activated lamp protection & End of Lamp life protection with PF> 0.95 & TC(deg C) > 65 degC. Operating voltage range from 180V to 265V, 50Hz								p-40 c-12.22.3

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		Each	8				8.00	725.00	
							8.00		5800.00
74	**Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED** fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. 14.7.1 On wall / ceiling / Rafter / Girders (Page No.45, Item No.13.7.1 of								
	Sthree Shakti Bhavana	Each	8				8.00		
							8.00	119.00	952.00
75	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia (Page No.164, Item								
	Basic rate	3750.00							
	Area Weightage 3%	112.50							
	Total	3862.50							
			2				2.00		
							2.00	3862.50	7725.00
76	**Geophysical investigation** at site for sinking borewells for supplying drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner orSchlumbergers's method, including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test. (P.151, I.No-4 Code No-O040A) BWSSB.SR 2021-22								
	Basic Rate	5141.00							
	Area Weightage 3%	154.23							
	Total Rate	5295.23							
		Nos							
			4				4.00	5295.23	21180.92
77	**Sinking of Borewell of 165mm dia** clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete)(P.151, I.No-1) BWSSB.SR 2021-22								
	Basic Rate	290.00							
	Area Weightage 3%	8.70							
	Total Rate	298.70							
		m							
	0 to 50 m (Code No-O010A)		4	50.00			200.00	298.70	59740.00

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Basic Rate	**364.00**							
	Area Weightage 3%	**10.92**							
	Total Rate	**374.92**							
		m							
	50 to 100 m (Code No-O010B)		4	50.00			**200.00**	**374.92**	**74984.00**
	Basic Rate	**387.00**							
	Area Weightage 3%	**11.61**							
	Total Rate	**398.61**							
		m							
	100 to 150 m (Code No-O010C)		4	50.00			**200.00**	**398.61**	**79722.00**
	Basic Rate	**449.00**							
	Area Weightage 3%	**13.47**							
	Total Rate	**462.47**							
		m							
	150 to 200 m (Code No-O010D)		4	50.00			**200.00**	**462.47**	**92494.00**
	Basic Rate	**527.00**							
	Area Weightage 3%	**15.81**							
	Total Rate	**542.81**							
		m							
	200 to 250 m (Code No-O010E)		4	50.00			**200.00**	**542.81**	**108562.00**
	Basic Rate	**558.00**							
	Area Weightage 3%	**16.74**							
	Total Rate	**574.74**							
		m							
	250 to 300 m (Code No-O010F)		4	50.00			**200.00**	**574.74**	**114948.00**
	Basic Rate	**620.00**							
	Area Weightage 3%	**18.60**							
	Total Rate	**638.60**							
		m							
	300 to 350 m (Code No-O010G)		4	50.00			**200.00**	**638.60**	**127720.00**
78	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m.prices include Collar-Medium duty (P.154, I.No 32, O160A) BWSSB.SR 2021-22								
	Basic Rate	**1933.00**							
	Area Weightage 3%	**57.99**							
	Total Rate	**1990.99**							
		Rmtr							
			4	60.00			240.00		
							240.00	**1990.99**	**477837.60**
79	Supply and delivery of galvanized mild steel tubes of 6mtr standard length heavy duty (C Class) as per IS 1239 (Part-I) 1990 with latest amendments with ISI Mark (one end fitted with Heavy Duty collar and other end fitted with protective cover) 50 mm (P. No.162, I. No. 33.1 BWSSB SR 2021-22)								
	Basic rate	**3050.00**							
	Area Weightage 3%	**91.50**							
	Total	**3141.50**							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		Each							
			100				100.00		
							100.00	**3141.50**	**314150.00**
80	PVC pipe - OD 250mm and 6 Kg/sqcm P.No-34, Sl.No.1175,BWSSB.SR 2021-22								
	Basic rate	**1100.00**							
	Area Weightage 3%	**33.00**							
	Total	**1133.00**							
		Rmtr							
			4	6.00			24.00		
							24.00	**1133.00**	**27192.00**
81	Supplying and drawing 3 core flat PVC sheathed **submersible pump cable** manufactured with electrolytic grade copper withflexible copper with low resistance conductor confirming to13:8130-1984 and virgin grade PVC insulation and powdercoating extruded PVC sheathed suitable for working voltageupto 1100 V as per IS-694:2010. 3C x 6 mm2 P. No. 4/ I No. 2.6.4 KPWD Electrical SR 2021-22								
	Basic rate	**242.00**							
		Rmtr							
			4	620.00			2480.00		
							2480.00	**242.00**	**600160.00**
82	Providing,supplying to work site, Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications,as per necessary ammendments and instructions of engineer incharge of work. 15.00 HP - 120 LPM @ 266 m = 23 STG Outlet Dia - 2.00"(P. No.161, I. No. 18.6, BWSSB SR 2021-22)								
	Basic rate	**69258.00**							
	Area Weightage 3%	**2077.74**							
	Total	**71335.74**							
		Nos							
			4				4.00		
							4.00	**71335.74**	**285342.96**
83	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia. (P. No.164, I. No. 45, BWSSB SR 2021-22)								
	Basic rate	**3750.00**							
	Area Weightage 3%	**112.50**							
	Total	**3862.50**							
		job							
			4				4.00		
							4.00	**3862.50**	**15450.00**
84	Supply and fixing polished wood board made of not lessthan 15mm thick plank on both sides of not more than 2pieces and fixing the same to the wall using tapered invertedwooden plugs screws. 20" x 20" x 2.5" (P No. 10 No.5.6.6,Part-I Electrical SR 2021-22)								
	Basic rate	**315.00**							
		Each							
			4				4.00		
							4.00	**315.00**	**1260.00**
85	Supplying & fixing of Porcelain fuse channel with cut out onexisting wooden/panel using necessary nuts, bolts andwashers. 63 A (P No. 10 No.5.6.6,Part-I Electrical SR 2021-22) 5.7.3								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Basic rate	**372.00**							
		Each							
			4				4.00		
							4.00	372.00	**1488.00**
86	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materialsand 'C' Type curve, indicator ON/OFF, energy cross-3 withShort circuit breaking capacity of 10K and complete wiring asrequired confirming to IEC 60898. 50-63 A TPN (P No. 13 I.No.5.17.9,Part-I Electrical SR 2021-22)								
	Basic rate	2399.00							
		Each							
			4				4.00		
							4.00	2399.00	9596.00
87	**Earth work excavation by manual means** for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 14 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22)								
	Basic Rate	186.00							
	Area Weightage 3%	**5.58**							
	Total Rate	**191.58**							
		Cum							
	Pipeline		4	200.00	0.75	0.60	360.00		
							360.00	191.58	**68968.80**
88	Supplying and filling in plinth with sand under floors, foundation of Bridges including watering, ramming, consolidating and dressing complete. (P.No-7,I No-1.11,V-I of PWD SR 2021-22)								
	Basic rate	2177.00							
	Area Weightage 3%	**65.31**							
	Total	**2242.31**							
		Cum							
			4	200.00	0.30	0.30	72.00		
							72.00	**2242.31**	161446.32
89	Supplying PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc.63mm outer dia, 6kg/sqcm & class 3 for:(P. No.134 I No 1.4 BWSSB SR 2021-22)								
	Basic rate	153.00							
	Area Weightage 3%	**4.59**							
	Total	**157.59**							
		Mtr							
			4	200.00			800.00		
							800.00	**157.59**	**126072.00**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
90	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications P. No. 7, I No. 1.10,V-I PWD SR 2021-22								
	Basic rate	**122.00**							
	Area Weightage 3%	**3.66**							
	Total	**125.66**							
		Cum							
			4	200.00	0.75	0.40	240.00		
							240.00	**125.66**	**30158.40**
91	Supplying fully automatic star-delta starter unit push buttontype with suitable wires, 3 contactors, one adjustablethermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixingto the existing wooden board for motor. Above 12.5 HP upto 25 HP (P No. 10 I.No.5.2.2,Part-I Electrical SR 2021-22)								
	Basic rate	**8640.00**							
		Nos							
			4				4.00		
							4.00	**8640.00**	**34560.00**
								Total Construction Cost	**140372939.14**
								12% GST for Construction Cost	**16374352.70**
								BESCOM Deposite Charges	**40000.00**
								Towards DPR & PMC Cost including GST	**3200000.00**
								Sub Total	**159987291.84**
								Utility Shifting,Miscellaneous and Rounding off	**12,708.16**
								GRAND TOTAL	**160000000.00**

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2021-2022, issue rates dated 08-04-2022 and Data Rates

Consolidated Estimate

K. Nanjunda 15/06/2022

Assistant Engineer
Yelahanka Project Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Project Division
BBMP Bangalore

Executive Engineer
Yelahanka Project Division
BBMP Bangalore

Technical Sanction
Accorded For Rs.1600 Lakhs
Head of A/C P-3877
CER NO :32 Dt:21/6/22

Administrative Approval
Accorded For Rs.1600 Lakhs
Head of A/C P-3877
CER NO :06 Dt:18/8/22

E.E (Project)